



FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY DKT NO. 4853-003	SERIAL NO. 09/731,035
				APPLICANT Jared Karro et al.	
		INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 6, 2000	GROUP

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CL.	SUBCL.	FILING DATE IF APPROP.
M	A	4,764,120	08/88	Griffine et al.	44	336	
M	B	4,774,665	09/88	Webb	364	409	
M	C	5,218,528	06/93	Wise et al.	364	409	
M	D	5,231,668	07/93	Kravitz	380	28	
M	E	5,400,248	03/95	Chisholm	364	409	
M	F	5,495,532	02/96	Kilian	380	30	
M	G	5,583,329	12/96	Davis, III et al.	235	50/A	
M	H	5,628,430	10/97	Kilian et al.	380	30	
M	I	5,821,508	10/98	Willard	284	51	
M	J	5,875,432	02/99	Sehr	705	12	

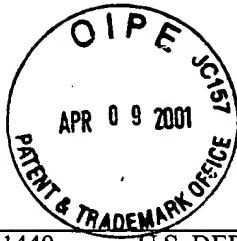
## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL.	TRANSLATION
							YES

## OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)

EXAMINER	<i>M. JOSÉ HADULLAH</i>	DATE CONSIDERED	<i>9/1/04</i>

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

h =	N	Untraceable Electronic Mail, Return Addresses, and Digital Pseudonyms; Communications of the ACM Vol. 24, Number 2, February 1981
h ?	O	Blind Signatures For Untraceable Payments by David Chaum, 1982
h -	P	A Switched/Broadcast ISDN To Decrease User Observability by Andreas Pfitzmann, 1984

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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

Q	A Robust and Verifiable Cryptographically Secure Election Scheme; IEEE, 1985
R	Elections with Unconditionally-Secret Ballots and Disruption Equivalent to Breaking RSA by David Chaum 1983
S	The Dining Cryptographers Problem: Unconditional Sender and Recipient Untraceability by David Chaum 1988

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A rectangular stamp with rounded corners. The word "RECEIVED" is printed in a large, bold, sans-serif font, rotated diagonally upwards from bottom-left to top-right. Below it, the date "APR 10 2001" is printed in a smaller, standard font. At the bottom, the text "Technology Center 2100" is printed in a cursive script font. The entire stamp is in black ink on a white background.

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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

W	T	Bit Commitment Using Pseudo-Randomness; IBM Almaden Research Center, 1990
W	U	Secret Ballot Elections in Computer Networks, Elsevier Science Publishers Ltd. 1991
W	V	A Cryptographic Approach To The Secret Ballot; Nurmi et al., Behavioral Science, Vol. 36, 1991

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DKT NO. 4853-003	SERIAL NO. 09/731,034
		APPLICANT Jared Karro et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE December 6, 2000	GROUP

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

	DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
						YES	NO

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

W	A Cryptographic Scheme for Computerized General Elections by Kenneth Iverson 1991
X	Security Criteria for Electronic Voting; Peter G. Neumann 1993
Y	A Practical Secret Voting Scheme for Large Scale Elections; Fujioka et al., 1993

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APPLICANT Jared Karro et al.			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT	FILING DATE December 6, 2000	GROUP	

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

W	Z	Improving Privacy in Cryptographic Elections by Josh D. Cohen, April 26, 1994
W	AA	Receipt-Free Secret-Ballot Elections (Extended Abstract) Benaloh et al., 1994
W	BB	Multi-Authority Secret-Ballot Elections with Linear Work, Cramer et al., 1996

EXAMINER	M. MARSHADULLAH	DATE CONSIDERED	9/1.04
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT Jarred Karro et al.	
		FILING DATE December 6, 2000	GROUP

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

CC	Applications: Banking and Ballots; Origin unknown, possible prior art
DD	Electronic Voting by Lorrie Faith Cranor, Copyright 1996
EE	Esoteric Protocols; Origin unknown, possible prior art

EXAMINER M. IRSHADULLAH	DATE CONSIDERED 9/1/04
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

FF	Secure Voting Using Partially Compatible Homomorphisms; Sako et al. 1994
GG	Crossroads – Electronic Voting by Lorrie Faith Cranor 1996
HH	Verifiable Secret-Ballot Elections; Dissertation of Josh D.C. Benaloh December 1996

EXAMINER	M. IRS HADULLA-IT	DATE CONSIDERED	9/1.04
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION
							YES
							NO

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

II	Sensus: A Security-Conscious Electronic Polling System for the Internet; Cranor et al. 1997
JJ	A Secure and Optimally Efficient Multi-Authority Election; Cramer et al. August 11, 1997
KK	Anonymous Secure E-Voting over a Network; Mu et al., IEEE 1998

EXAMINER M. MRS HASULLA IT	DATE CONSIDERED 9/1/04
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		GROUP

## U.S. PATENT DOCUMENTS

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							YES
							NO

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

LL	About Election.com; Information from the Internet, 1999
MM	Fifteenth Annual Computer Security Applications Conference; December 6-10, 1999
NN	Towards a Practical, Secure, and Very Large Scale Online Election, Karro et al., 1999

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						YES	NO

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**

1	OO	A Practical Solution for Secure Online Elections; Thesis of Jared Q. Karro, 2000
1	1	1
1	1	1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	APPLICANT Karro et al.	FILING DATE December 6, 2002
		GROUP 2163

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	CL.	SUBCL	TRANSLATION	
					YES	NO
E	WO 96/02044	1996	PCT		X	
F	PCT/US01/48357	2002	PCT International Search Report		X	

**OTHER DOCUMENTS (Incl. Author, Title, Date, Pertinent pages, etc.)**


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